

Mail Stop Reissue, Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450
Applicant(s): Shen et al
US Patent No: 5,573,648
US Reissue Patent Application No.: 10/621,999
Title: Gas Sensor Based on Protonic Conductive Membranes

Atty. PDM
Docket No.: 011361.00064
Issue Date: 11/12/96
US Reissue Filing Date: 07/17/03

The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:

<input type="checkbox"/> Fee Transmittal for FY 2004 <input type="checkbox"/> page (in duplicate)	<input type="checkbox"/> Amendment/Response <input type="checkbox"/> pages
<input type="checkbox"/> Specification <input type="checkbox"/> pages:	<input type="checkbox"/> Petition for Extension (<input type="checkbox"/> months)
<input type="checkbox"/> claims, <input type="checkbox"/> independent claims, <input type="checkbox"/> abstract	<input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> pages
<input type="checkbox"/> Drawings [<input type="checkbox"/> formal [<input type="checkbox"/> informal <input type="checkbox"/> sheets	<input type="checkbox"/> Request for Corr. Filing Recpt
<input checked="" type="checkbox"/> SIDS <input type="checkbox"/> 2 pages, PTO-1449 <input type="checkbox"/> 1 page, <input type="checkbox"/> 7 references	<input type="checkbox"/> Issue Fee (w/ PTOL-85B)
<input type="checkbox"/> Declaration & POA [<input type="checkbox"/> signed [<input type="checkbox"/> unsigned <input type="checkbox"/> pages	<input type="checkbox"/> Advance Order of <input type="checkbox"/> copies
<input type="checkbox"/> Small Entity Statement <input type="checkbox"/> pages	<input type="checkbox"/> CPA Request
<input checked="" type="checkbox"/> Certificate of Express Mail for Reissue Application <input type="checkbox"/> 1page	<input type="checkbox"/> Notice of Appeal & Fee
<input type="checkbox"/> Other <input type="checkbox"/>	

Fee Enclosed: _____ Debit Deposit Acct. No. 19-0733 for _____

Exp. Mail Receipt No. EV 396913566 US

Mailed: EF: 1/13/04

Client: Dura (11361)

Respectfully submitted,
BANNER & WITCOFF, LTD.

BEST AVAILABLE COPY

NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL
FIRST-CLASS MAIL PERMIT NO. 11974 BOSTON, MA
POSTAGE WILL BE PAID BY ADDRESSEE

BANNER & WITCOFF, LTD.
28 STATE STREET, 28TH FLOOR
BOSTON, MA 02109-9733

JAN 2 - 2004

WITCOFF

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No. 011361.00064)

Patentee: Shen et al.

Assignee: Atwood Mobile Products, Inc.

U.S. Patent No.: 5,573,648 Date Issued: November 12, 1996

Application No.: 381,718 Date Filed: January 31, 1995

Reissue Application No.: 10/621,999 Reissue Filing Date: July 17, 2003

Title: GAS SENSOR BASED ON PROTONIC CONDUCTIVE MEMBRANES

Mail Stop Reissue
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF EXPRESS MAIL FOR REISSUE APPLICATION

Dear Sir:

"Express Mail" Label No.: EV 396913566 US

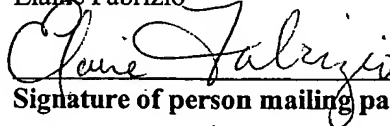
Date of Deposit: 1-13-04

I hereby state that the following:

- (1) Supplemental Information Disclosure Statement (2 pgs);
- (2) PTO 1449 Form (1 pg);
- (3) Citations (7 total);
- (4) Return-Receipt Postcard; and
- (5) This Certificate of Express Mail for Reissue Application

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Mail Stop Reissue, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Elaine Fabrizio



Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shen et al.

Assignee: Atwood Mobile Products, Inc.

U.S. Patent No.: 5,573,648

Date Issued: November 12, 1996

Application No.: 381,718

Date Filed: January 31, 1995

Reissue Application No.: 10/621,999 **Reissue Filing Date:** July 17, 2003

Title: GAS SENSOR BASED ON PROTONIC CONDUCTIVE MEMBRANES

MAIL STOP REISSUE
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicants herewith submit the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- X (1) within three (3) months of the Filing Date or before the mailing date of the First Office Action on the merits; or
- (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and the requisite Certification or fee under Rule 1.17(p) is included herein; or
- (3) after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee, and the requisite Certification, petition, and petition fee are included herein.

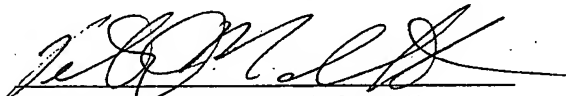
It is respectfully requested that each of the documents shown on the attached form(s) PTO-1449 be made of record in this application. Copies of these documents (CHECK ONE):

X are enclosed herewith; or
— are in the file of related application Serial No. 00/000,000, filed _____, and are thus not being resubmitted herein.

FEE AUTHORIZATION

The Commissioner is hereby authorized to charge any fee associated with this document to **Deposit Account No. 19-0733**. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,



Peter D. McDermott (29,411)
Attorney for Applicant
BANNER & WITCOFF, LTD.
28 State Street, 28th Floor
Boston, MA 02109-1775
Tel: (617) 720-9600;
Fax: (617) 720-9601
E-Mail: pmcdermott@bannerwitcoff.com

Date:

INFORMATION DISCLOSURE CITATION

Sheet 1 of 1

Applicants: Shen et al.

Issue Date: November 12, 1996

Group:

U.S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
	EP0 637 851 A1	Jun. 30, 1994	EPO				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	"Humidity Dependence of Carbon Monoxide Oxidation Rate in a Nafion-Based Electrochemical Cell," Lee et al., Technical Papers, Solid-State Science and Technology, J. Electrochem. Soc., Vol. 142, No. 1, January 1995; pgs. 157-160
	"Recent Developments in Electrochemical Solid Polymer Electrolyte Sensor Cells for Measuring Carbon Monoxide and Oxides of Nitrogen," La Conti et al., Chemical Hazards in the Workplace: Measurement and Control, ACS Symposium, series 149, 1981; pgs. 551-573
	"Effects of Surface Roughening of Nafion [®] on Electrode Plating, Mechanical Strength, and Cell Performances for SPE Water Electrolysis," Sakai et al., J. Electrochem. Soc., 137:3777-3783, 1990
	"Chemical Sensing with Solid State Devices," Madou and Morrison, Academic Press, Inc., pgs. 448-459, 1989
	"Fuel Cell Systems," Edited by Blomen and Mugerwa, Plenum Press, Srinivasan et al., pgs. 48-52 and 63-67, 1993
	Notice of Opposition in European Patent No. 762117B, including Opponent's statement of grounds (entitled "Reasons") (18 pages total)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. **Copies of references not provided at the time of this submission.